

ILLEGIB

NPIC/R-994/64

November 1964

~~TOP SECRET~~
NO FOREIGN DISSEM

25X1C

15276
TCS-9058/64

Copy

5 Pages

PHOTOGRAPHIC INTERPRETATION REPORT

TYPE IA AND TYPE IIA
SAM SUPPORT FACILITIES
IN THE USSR

DECLASSIFICATION REVIEW BY NIMA / DoD



CIA



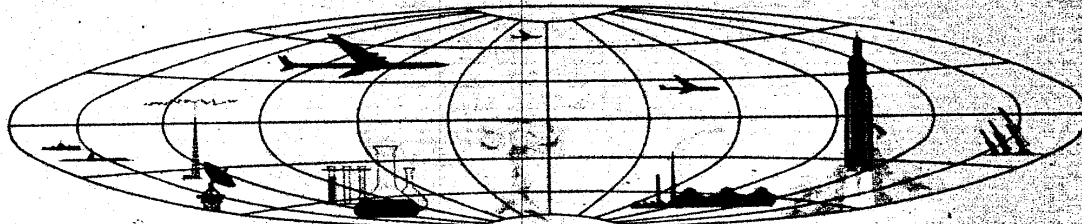
DIA

Handle Via **TALENT-KEYHOLE** Control Only

WARNING

This document contains classified information affecting the national security of the United States within the meaning of the espionage laws U. S. Code Title 18, Sections 793 and 794. The law prohibits its transmission or the revelation of its contents in any manner to an unauthorized person, as well as its use in any manner prejudicial to the safety or interest of the United States or for the benefit of any foreign government to the detriment of the United States. It is to be seen only by personnel especially indoctrinated and authorized to receive TALENT-KEYHOLE information. Its security must be maintained in accordance with KEYHOLE and TALENT regulations.

NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER



~~TOP SECRET~~
NO FOREIGN DISSEM

25X1C

GROUP 1
Excluded from automatic
downgrading and declassification

TOP SECRET CHESS RUFF
NO FOREIGN DISSEM

25X1C

TCS-9058/64
NPIC/R-994/64

TYPE IA AND TYPE IIA
SAM SUPPORT FACILITIES IN THE USSR

25X1D

photography has revealed six undersized SAM support facilities adjacent to SA-2 SAM sites (Table 1) which are in addition to the usual on-site support facilities. These six small SAM support facilities are in the general configuration of miniature Type I SAM support facilities and are in relatively isolated locations in the USSR (Figure 1).

NPIC is designating all undersize SAM support facilities by the letter A. Therefore, undersize SAM support facilities in the general configuration of Type I or Type II facilities will be designated Type IA or Type IIA SAM support facilities.

The area of these six Type IA SAM support facilities in the USSR is much less than the area of either Type I or Type II SAM support facilities and the roofed area of the large drive-through building is much less than the roofed area of the receiving/maintenance build-

ing in either Type I or Type II support facilities. For example, the Type I Volgograd SAM Support Facility (Figure 2), which is a typical Type I support facility in size and appearance, covers an area of approximately 1,067,650 square feet, but the Type IA support facility adjacent to Tsilteli-Tskaro SAM Site A25-2 (Figure 3) covers an area of only approximately 534,000 square feet. Likewise, the roofed area of the receiving/maintenance building in the Volgograd facility is approximately 14,000 square feet, but the roofed area of the large drive-through building at Tsilteli-Tskaro is only approximately 5,750 square feet.

25X1B

25X1D

Table 1. SAM Support Facilities Adjacent to SA-2 SAM Sites in the USSR

| Adjacent SA-2 SAM Site | Support Facility Type | Support Facility Coordinates |
|----------------------------------|-----------------------|------------------------------|
| Arkhangelsk SAM Site B36-2 | IA | 64-48-44N 40-28-56E |
| Moloskovitsy MRBM SAM Site B29-2 | IA | 59-32-10N 28-47-55E |
| Murmansk SAM Site C02-2 | IA | 69-22-40N 33-25-10E |
| Murmansk SAM Site D05-2 | IA | 69-20-06N 34-18-28E |
| Severodvinsk SAM Site B02-2 | IA | 64-45-20N 39-58-10E |
| Tsilteli-Tskaro SAM Site A25-2 | IA | 41-26-55N 46-02-45E |

- 1 -

TOP SECRET CHESS RUFF
NO FOREIGN DISSEM

25X1C

Handle Via
TALENT-KEYHOLE
Control System Only

TOP SECRET CHESS RUFF
NO FOREIGN DISSEM

25X1C

TCS-9058/64
NPIC/R-994/64

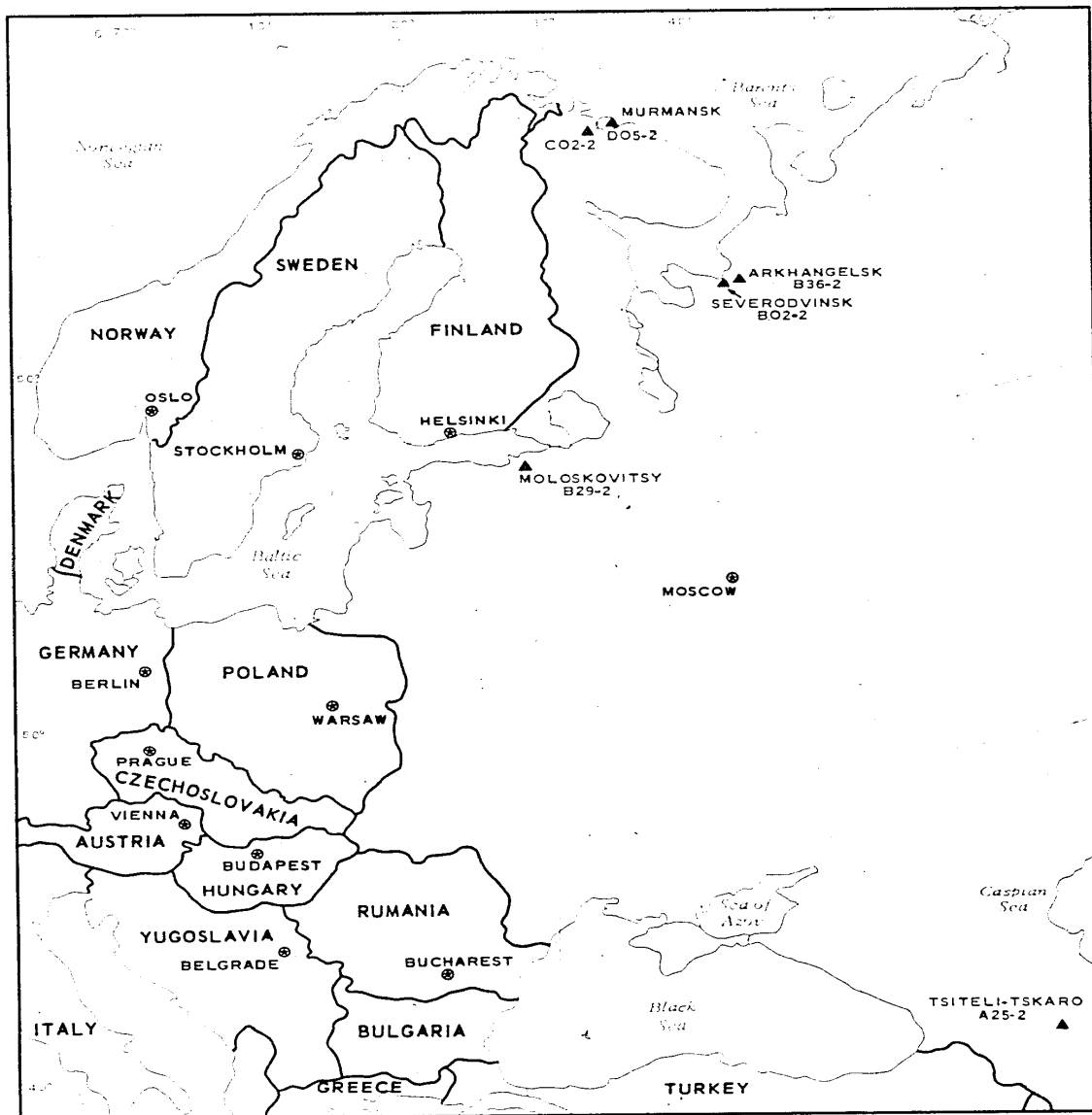


FIGURE 1. LOCATION OF SA-2 SAM SITES WITH ADJACENT SMALL SUPPORT FACILITIES.

- 2 -

Handle Via
TALENT-KEYHOLE
Control System Only

TOP SECRET CHESS RUFF
NO FOREIGN DISSEM

25X1C

Handle Via
TALENT-KEYHOLE
Control System Only

TOP SECRET CHESS RUFF
NO FOREIGN DISSEM

25X1C

TCS-9058/64
NPIC/R-994/64

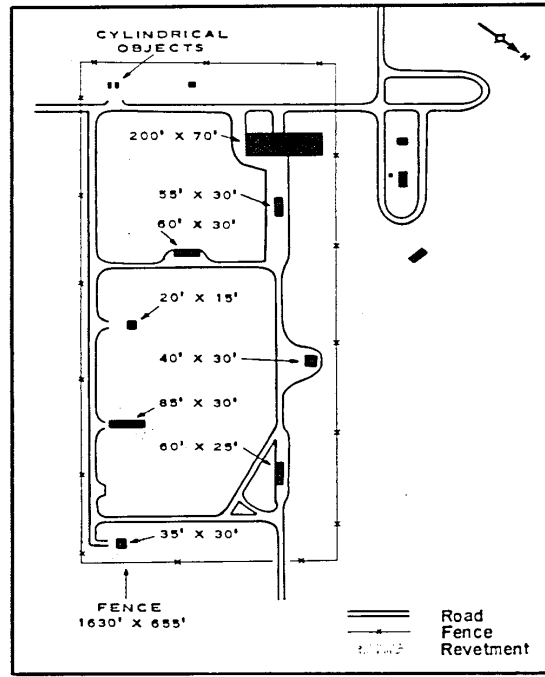
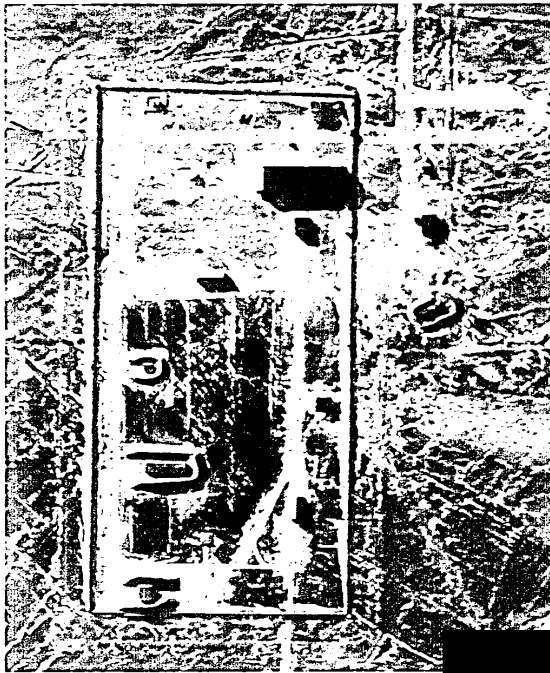


FIGURE 2. VOLGOGRAD SAM SUPPORT FACILITY (TYPE I).

25X1D

- 3 -

TOP SECRET CHESS RUFF
NO FOREIGN DISSEM

25X1C

Handle Via
TALENT-KEYHOLE
Control System Only

Handle Via
TALENT-KEYHOLE
Control System Only

TOP SECRET CHESS RUFF
NO FOREIGN DISSEM

25X1C

TCS-9058/64
NPIC/R-994/64

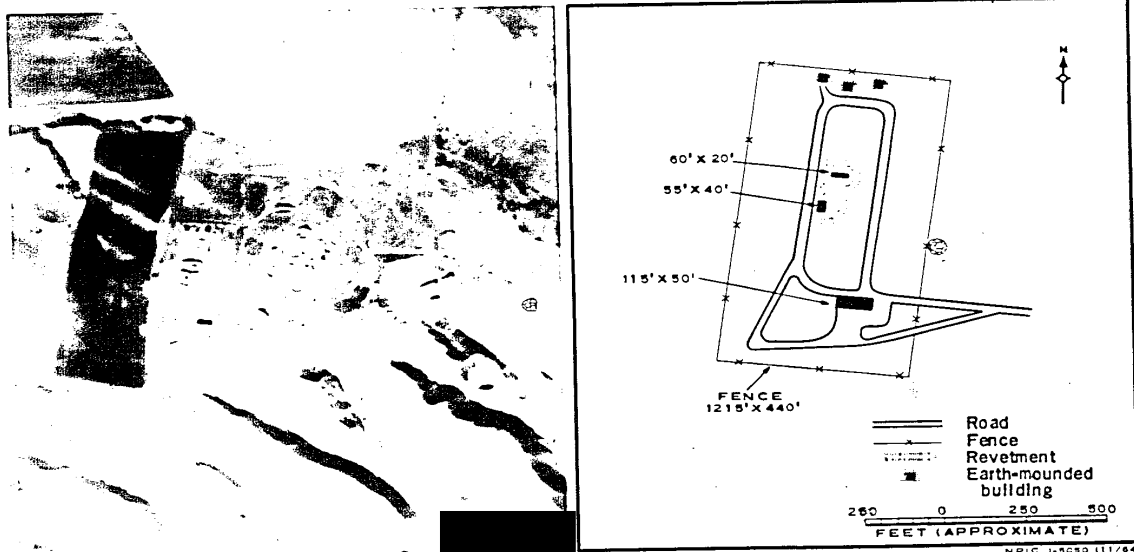


FIGURE 3. TSITELI-TSKARO SMALL SAM SUPPORT FACILITY (TYPE IA).

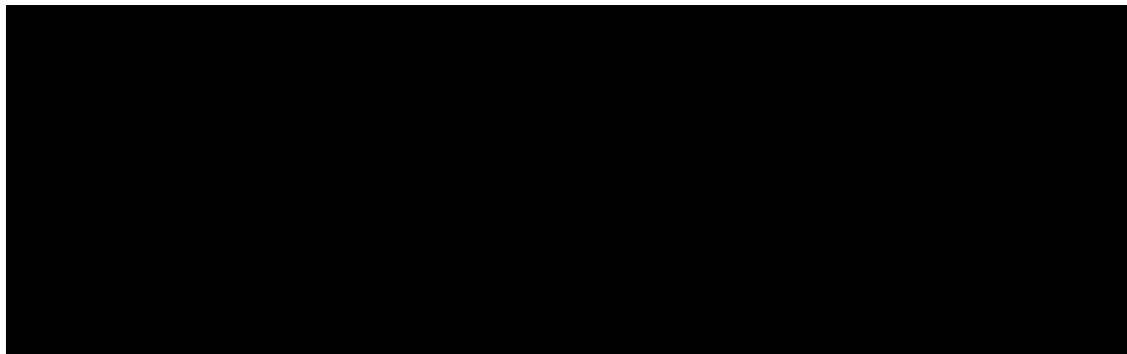
25X1D

REFERENCES

PHOTOGRAPHY

| Mission | Date | Pass | Camera | Frame | Classification |
|---------|------|------|--------|-------|----------------|
|---------|------|------|--------|-------|----------------|

25X1D



- 4 -

Handle Via
TALENT-KEYHOLE
Control System Only

TOP SECRET CHESS RUFF
NO FOREIGN DISSEM

25X1C

TOP SECRET CHESS RUFF
NO FOREIGN DISSEM [REDACTED]

Handle Via
TALENT-KEYHOLE
Control System Only

25X1C

TCS-9058/64
NPIC/R-994/64

REFERENCES (Continued)

MAPS OR CHARTS

ACIC. US Air Target Chart, Series 200, Sheet 0051-18AL, 2d ed, Apr 60 (SECRET)

ACIC. US Air Target Chart, Series 200, Sheet 0092-22HL, 2d ed, Mar 63 (SECRET)

ACIC. US Air Target Chart, Series 200, Sheet 0153-4HL, 2d ed, May 63 (SECRET)

ACIC. US Air Target Chart, Series 200, Sheet 0325-17A, 1st ed, Jun 58 (SECRET)

RELATED DOCUMENT

NPIC. R-132/63, *Preliminary Study, SA-2 SAM Support Facilities, USSR & Satellites*, Jul 63 (TOP SECRET)
CHESS RUFF/No Foreign Dissem [REDACTED]

25X1C

REQUIREMENT

USIB 83/64

NPIC PROJECT

N-1013/64

- 5 -

TOP SECRET CHESS RUFF
NO FOREIGN DISSEM [REDACTED]

25X1C

Handle Via
TALENT-KEYHOLE
Control System Only